

ABSTRACT OF THE DISCLOSURE

A carbon nanocapsule supported catalysts. At least one kind of catalytic metal particle is deposited to a carbon nanocapsule, wherein the carbon nanocapsule has the following formula: $F(-M)_n$, in which F is the carbon nanocapsule, M is the catalytic metal particle, and n is the number of the catalytic metal particle. By applying the carbon nanocapsule as a catalyst support, the catalytic behavior of the catalytic metal particle is specialized, the dispersion is improved, and the catalytic effect is enhanced.